CLAIM AMENDMENTS

Claim Amendment Summary

Claims pending

- Before this Amendment: Claims 1-48.

- After this Amendment: Claims 1-7, 10-19, 21-25, 27-37 and 39-51.

Non-Elected, Canceled, or Withdrawn claims: 8-9, 20, 26 and 38.

Amended claims: 1-3, 5-6, 10-17, 19, 21-23, 25, 30-33, 37 and 42-45.

New claims: 49-51.

Claims:

1.   **(Currently Amended)** A method for implementing a user configurable video management system on a vehicle, the method comprising:

selecting multiple sets of multiple video source views from a plurality of vehicle-mounted video sources, the multiple sets based on:

a default mode; and

detection of a plurality of vehicle events; and

displaying the multiple video source views of one of the multiple sets simultaneously,

wherein the displaying comprises a full view mode of one of the multiple video source views of the one of the multiple sets, and ~~a~~ multiple windows within the full view mode, each of the multiple windows containing another of the multiple video source views of the one of the multiple sets; and

configuring each of the multiple sets of the multiple video source views according to user-definable presentation modes, the presentation modes comprising the default mode and other modes, the other modes being based on the plurality of vehicle events.

2.   **(Currently Amended)** A method as recited in claim 1, wherein the ~~displaying the multiple video source views is performed according to a~~ user-definable presentation modes are pre-assigned by a user configuring presentation rules associated with each of the presentation modes, wherein the configuring of the presentation rules by the user is facilitated by a user input device at the video management system.

3. **(Currently Amended)** A method as recited in claim 1 further comprising detecting <u>one of</u> the <u>plurality of</u> vehicle event<u>s that is associated with one of the multiple set of multiple video source views</u>.

4. **(Original)** A method as recited in claim 1 further comprising associating a plurality of vehicle events with at least one video source view.

5. **(Currently Amended)** A method as recited in claim 1 further comprising associating<u>, by a user,</u> ~~a~~ <u>the</u> plurality of vehicle events with at least one video presentation mode.

6. **(Currently Amended)** A method as recited in claim 1 further comprising configuring<u>, by a user,</u> a data structure on a computer readable medium, the data structure comprising an association between a vehicle event indicator and video source view.

7. **(Original)** A method as recited in claim 1 further comprising configuring a data structure on a computer readable medium, the data structure comprising an association between a vehicle event indicator and a mode of presenting a video source view.

8-9. **(Canceled)**

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10.   (Currently Amended) A method as recited in claim 1 wherein each of the plurality of vehicle events comprises at least one of:

a left turn signal state;

a right turn signal state;

a left front door open signal state;

a left rear door open signal state;

a right front door open signal state;

a right rear door open signal state;

a headlights signal state;

a reverse gear signal state;

an obstacle detection signal state;

a light sensor state;

a temperature sensor state;

an audio sensor state.

11.   (Currently Amended) A method as recited in claim 1 wherein the selecting step comprises looking up an event indicator corresponding to the event in a table of video presentation rules.

12.   (Currently Amended) A method as recited in claim 1 further comprising configuring, by a user, presentation rules associating a plurality of event indicators with a plurality of video display modes.

13.   (Currently Amended) A computer-readable medium ~~having stored thereon computer-executable instructions for performing~~ encoded with a computer program, that when executed by a processor in a vehicle video management system, perform a ~~computer~~ process, the process comprising:

selecting multiple sets of multiple video source views from a plurality of vehicle-mounted video sources, the multiple sets being based on:

a default mode; and

detection of a plurality of vehicle events; and

displaying the multiple video source views of one of the multiple sets simultaneously, wherein the displaying comprises a full view mode of one of the multiple video source views of the one of the multiple sets, and ~~a~~ multiple windows within the full view mode containing another of the multiple video source views of the one of the multiple sets; and

configuring each of the multiple sets of the multiple video source views according to user-definable presentation modes, the presentation modes comprising the default mode and other modes, each of the other modes being associated with each of the plurality of vehicle events.

14.   (Currently Amended) A computer-readable medium as recited in claim 13, wherein the ~~displaying the multiple video source views is performed according to a~~ user-definable presentation modes are pre-assigned by a user editing presentation rules associated with each of the presentation modes.

15.   (Original) A computer-readable medium as recited in claim 13, the process further comprising detecting <u>one of</u> the <u>plurality of</u> vehicle event<u>s that is associated with one of the multiple set of multiple video source views</u>.

16.   (Currently Amended) A computer-readable medium as recited in claim 13, the process further comprising associating<u>, by a user,</u> a <u>the</u> plurality of vehicle events with at least one video source view.

17.   (Currently Amended) A computer-readable medium as recited in claim 13, the process further comprising associating a <u>the</u> plurality of vehicle events with at least one video presentation mode.

18.   (Original) A computer-readable medium as recited in claim 13, the process further comprising configuring a data structure on a computer readable medium, the data structure comprising an association between a vehicle event indicator and video source view.

19.   (Currently Amended) A computer-readable medium as recited in claim 13, the process further comprising configuring a data structure<u>, by a user,</u> on a computer readable medium, the data structure comprising an association between a vehicle event indicator and a mode of presenting a video source view.

20.   (Canceled)

21.   (Currently Amended) A computer-readable medium as recited in claim 14 wherein the displaying operation <u>further</u> comprises simultaneously displaying <u>more than</u> two ~~or more~~ video source views.

22.   (Currently Amended) A computer-readable medium as recited in claim 13 wherein <u>each of</u> the vehicle event<u>s</u> comprises at least one of:

a left turn signal state;

a right turn signal state;

a left front door open signal state;

a left rear door open signal state;

a right front door open signal state;

a right rear door open signal state;

a lights on signal state;

a reverse gear signal state;

an obstacle detection signal state;

a light sensor state;

a temperature sensor state;

an audio sensor state.

23.   (Currently Amended) A computer-readable medium as recited in claim 13 wherein the selecting ~~step~~ comprises looking up an event indicator corresponding to the event in a table of video presentation rules.

24.   (Original) A computer-readable medium as recited in claim 13, the process further comprising configuring presentation rules associating a plurality of event indicators with a plurality of video display modes.

25.   (Currently Amended) A <u>vehicle video management</u> system<u>, the system</u> comprising:

display logic selecting multiple video source views from a plurality of vehicle-mounted video sources based on detection of a vehicle event;

a display device for displaying the multiple video source views simultaneously, wherein the displaying comprises a full view mode of one of the multiple video source views, and ~~a~~ <u>multiple</u> window<u>s</u> within the full view mode containing another of the multiple video source views<u>, wherein the display device displaying the multiple video source views is performed according to a presentation mode; and</u>

<u>a user interface to receive input by a user of the system for pre-configuring multiple presentation modes, the multiple presentation modes comprising:</u>

<u>a default mode; and</u>

<u>other modes each based on each of a plurality of detected vehicle events</u>.

26.   (Canceled)

27.   (Original) A system as recited in claim 25 further comprising a vehicle sensor detecting the vehicle event.
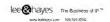
28.   (Original) A system as recited in claim 25 further comprising presentation rules including an association between a plurality of vehicle events and at least one video source view.

29.   (Original) A system as recited in claim 25 further comprising presentation rules including an association between a plurality of vehicle events and at least one video presentation mode.

30.   (Currently Amended) A system as recited in claim 25 ~~further comprising a~~, wherein the user interface ~~is~~ operable to receive input by the user of the system for configuring a data structure on a computer readable medium, the data structure comprising an association between a vehicle event indicator and video source view.

31.   (Currently Amended) A system as recited in claim 25 ~~further comprising a~~, wherein the user interface ~~is~~ operable to receive input by the user of the system for configuring a data structure on a computer readable medium, the data structure comprising an association between a vehicle event indicator and a mode of presenting a video source view.

32.   (Currently Amended) A system as recited in ~~claim 26~~ claim 25, wherein the display device displays one of the multiple video source views in ~~a the~~ default mode, wherein the default mode has been configured by the user of the system at a remote computer and uploaded to the system, wherein the display device displays the default mode when no vehicle events are detected.

33.   (Currently Amended) A system as recited in ~~claim 26~~ claim 25, wherein the display device simultaneously displays two or more video source views.

34.   (Original) A system as recited in claim 25 wherein the vehicle event comprises at least one of:

a left turn signal state;

a right turn signal state;

a left front door open signal state;

a left rear door open signal state;

a right front door open signal state;

a right rear door open signal state;

a lights on signal state;

a reverse gear signal state;

an obstacle detection signal state;

a light sensor state;

a temperature sensor state;

an audio sensor state.

35.   (Original) A system as recited in claim 25 wherein the display logic looks up an event indicator corresponding to the event in a table of video presentation rules.

36.   (Original) A system as recited in claim 25 further comprising extensible presentation rules associating a plurality of event indicators with a plurality of video display modes.

37.   (Currently Amended) A vehicle comprising:

a computer having display logic selecting multiple video source views from a plurality of video sources mounted on the vehicle based on detection of a vehicle event ;

a display device communicating with the computer for displaying the multiple video source views simultaneously, wherein the displaying comprises a full view mode of one of the multiple video source views, and a <u>multiple</u> window<u>s</u> within the full view mode containing another of the multiple video source views<u>, wherein the display device communicating with the computer to display the multiple video source views is performed according to a presentation mode; and</u>

<u>a user interface to receive input by a user of the vehicle for pre-configuring multiple presentation modes, the multiple presentation modes comprising:</u>

<u>a default mode for displaying when no vehicle event is detected; and</u>

<u>other modes each based on each of a plurality of detected vehicle events</u>.

38.   (Canceled)

39.   (Original) A vehicle as recited in claim 37 further comprising a vehicle sensor in communication with the computer, the vehicle sensor detecting the vehicle event.

40. (Original) A vehicle as recited in claim 37, wherein the computer further comprises a computer-readable medium having stored thereon presentation rules including an association between a plurality of vehicle events and at least one video source view.

41. (Original) A vehicle as recited in claim 37, wherein the computer further comprises a computer-readable medium having stored thereon presentation rules including an association between a plurality of vehicle events and at least one video presentation mode.

42. (Currently Amended) A vehicle as recited in claim 37 ~~further comprising a~~, wherein the user interface is operable to receive input by the user of the vehicle for configuring a data structure on a computer-readable medium, the data structure comprising an association between a vehicle event indicator and video source view, the data structure being readable by the display logic to select the video source view.

43. (Currently Amended) A vehicle as recited in claim 37 ~~further comprising a~~, wherein the user interface is operable to receive input by the user of the vehicle for configuring a data structure on a computer readable medium, the data structure comprising an association between a vehicle event indicator and a mode of presenting a video source view, the data structure being readable by the display logic to select the video source view.

44.   (Currently Amended) A vehicle as recited in ~~claim 38~~ claim 37, wherein the display device displays one of the multiple video source views in ~~a~~ the default mode, wherein the default mode has been configured by the user of the vehicle at a remote computer and uploaded to the vehicle.

45.   (Currently Amended) A vehicle as recited in ~~claim 38~~ claim 37, wherein the display device simultaneously displays more than two ~~or more~~ video source views.

46.   (Original) A vehicle as recited in claim 37 wherein the vehicle event is selected from a group comprising:

a left turn signal state;

a right turn signal state;

a left front door open signal state;

a left rear door open signal state;

a right front door open signal state;

a right rear door open signal state;

a lights on signal state;

a reverse gear signal state;

an obstacle detection signal state;

a light sensor state;

a temperature sensor state;

an audio sensor state.

47.   (Original) A vehicle as recited in claim 37 wherein the display logic looks up an event indicator corresponding to the event in a table of video presentation rules.

48.   (Original) A vehicle as recited in claim 37 further comprising extensible presentation rules associating a plurality of event indicators with a plurality of video display modes.

49.   (New)   A method as recited in claim 1, wherein the user-definable presentation modes are pre-assigned by a user configuring presentation rules associated with the presentation modes, wherein the configuring of the presentation rules by the user is facilitated by a remote computing device to edit the presentation rules and upload the edited presentation rules into the video management system.

50.   (New)   A method as recited in claim 14, wherein the user-definable presentation modes are pre-assigned by a user editing presentation rules associated with the presentation modes, wherein the editing of the presentation rules by the user is facilitated by a user input device at the vehicle video management system.

51. (New)   A method as recited in claim 14, wherein the user-definable presentation modes are pre-assigned by a user editing presentation rules associated with the presentation modes, wherein the editing of the presentation rules by the user is facilitated by a remote computing device to edit the presentation rules and upload the edited presentation rules into the vehicle video management system.